

## TUNNEL ILLUMINATION TSE 05 S AND TSE 05 A LIGHTING FIXTURE

### TSE 05 S 150 W Type



### Basic Information

This lighting fixture is designed for illuminating tunnels in transition zones. These lighting fixtures can be divided into two basic groups:

The **TSE 05 S** lighting fixture furnished with a symmetric reflector provides a symmetric luminous flux distribution.

The **TSE 05 A** lighting fixture furnished with a asymmetric reflector is designed for illuminating transition and accommodation zones,

### Technical Description

The lighting fixture body is designed as a welded cabinet made of stainless steel. The optical system (furnished with an asymmetric reflector made of high-purity aluminium; a symmetric luminous flux distribution reflector is used for asymmetric lighting fixtures) is located in the cabinet. In addition to the reflector, the cabinet also contains a detachable plate with additional circuits. A toughened-glass cover glass is hinged and six strap fasteners close the lighting fixture. A silicone sealing between the cabinet and the cover glass and the design without screws ensures the IP 66 protection; it does not require any maintenance and keeps its original luminous properties.

Lifting off the cover glass allows access to the luminous source and the additional circuits plate.

The lighting fixture housing itself is connected with a fixing console. The whole fixing system is made of stainless steel.

1) Standard configuration for the sodium discharge lamp with corresponding additional circuits

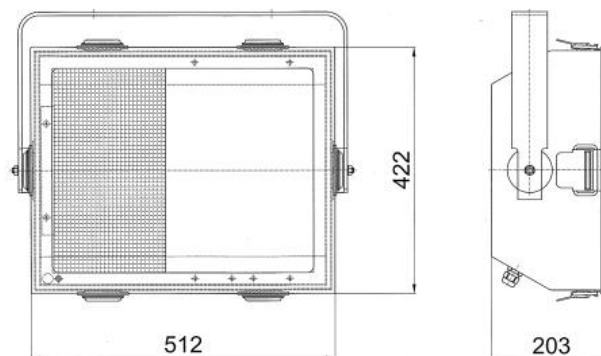
2) Special configuration:

Instant restart equipment – The sodium discharge lamp with a warm start and the corresponding starter ensure an instant restart at an instantaneous supply voltage failure while the luminous properties of the standard configuration are maintained.

50% input reduction – The input reduction is controlled from the dispatching or according to the outdoor light intensity level.

Custom-made configuration

### Light Fixture Dimensions



### Lighting Fixture Parameters

Rated voltage:	230 V / 50 Hz
Luminous source:	
• Standard configuration:	Tube sodium discharge lamp 100 – 400 W
• HOT START configuration:	NAV-TS sodium discharge lamp 150 – 400 W
Optical section protection:	IP 66
Electric class:	I.
Dimensions (LxWxH):	512x422x203 mm

### Contact

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